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Attention: DO/EO/US

**10/511673**

Docket No.: 693.0004USU

Customer No.: 27623

Dear Sir:

Transmitted herewith for filing is the patent application of

Applicant(s): Hans-Martin Henning  
For: SOLID SORPTION HEAT PUMP  
International Application No.: PCT/EP03/03880  
International Filing Date: 15 April 2003

**ENTERING OF U.S. NATIONAL STAGE UNDER 35 U.S.C. §371**

Transmitted herewith for filing are the following documents submitted under 37 C.F.R. §1.495(b) for the purpose of entering the national stage in the United States of America as an elected office. Enclosed are:

- XXXX Specification and Claims *without* Declaration;
- XXXX 6 sheets of drawings;
- XXXX Preliminary Amendment;
- \_\_\_\_\_ An Assignment of the invention to: \_\_\_\_\_, including \$40.00 recordation fee and recordation cover sheet;
- XXXX Information Disclosure Statement with copies of patent(s) (Form - PTO-1449);
- XXXX The undersigned attorney has verified that the applicant is entitled to a Small Entity Status;
- XXXX Priority of International Application Serial No. **PCT/EP03/03880**, filed on **15 April 2003** in **Europe**; and German Application Serial No. **102 17 443.1**, filed on **18 April 2002**; is claimed under 35 U.S.C. §119 and 35 U.S.C. §365;
- XXXX Cover page of published PCT Publication No. **WO 03/087682 A1**;
- XXXX Copy of International Preliminary Examination dated **27 January 2004**;

Copy of PCT Demand Under Article 31 BT05 Rec'd PCT/PTO 18 OCT 2004

XXXXCopy of International Search Report dated **15 September 2003**;

Copy of Written Opinion; and

Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith.

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$750/\$790//\$950/ \$1,110/\$100
Total Claims	22 - 20 =	2	x \$18.00	\$36.00
Independent Claims	2 - 3 =	0	x \$88.00	\$
Multiple Dependent Claim Fee		x \$300.00 = \$0.00		
<b>TOTAL FILING FEE</b>				\$986.00
1/2 FILING FEE FOR SMALL ENTITY				\$493.00

XXXFirm's check in the amount of \$ 493.00 to cover the filing fee;XXX

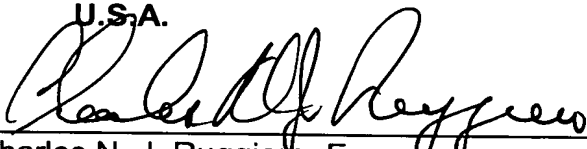
The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

XXX

Postcard.

Address all future communications to: **Charles N. J. Ruggiero**  
**Ohlandt, Greeley, Ruggiero & Perle, L.L.P.**  
**One Landmark Square, 10th Floor**  
**Stamford, Connecticut 06901-2682**  
**U.S.A.**

Dated: October 18, 2004

  
 Charles N. J. Ruggiero, Esq.  
 Attorney for Applicant  
 Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
 Registration No. 28,468  
 Telephone: (203) 327-4500  
 Telefax: (203) 327-6401

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Certificate No. **EV 603699971 US**, service under 37 CFR §1.10 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attn: DO/EO/US on October 18, 2004.

Joanne A. Romaniello

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